

Stria culturing of isolated colonies

Materials and Equipment

- Alcohol lamp
- Lighter
- LB plates with proper antibiotic (KAN 15 mg/ml, CAM 35 mg/ml, AMP 100 mg/ml)
- Inoculation loop
- Incubator
- Laminar flow hood

Reagents

- Plates with transformed cells

Methodology

1. Divide the external part of the Petri dish into three sections using a marker. Give a number to each section.
2. Place the Petri dish with the culture near the alcohol lamp to avoid contamination and take a sample using an inoculation loop.
3. Inoculate such sample by doing 4-5 stria from side to side in the first section. Close the Petri dish.
4. Repeat the process by inoculating a different sample in the second section and so forth.